

## EAST Search History

S14 2	171	425/208,209,380,202,376.1.ccls.	US-PGPUB; DERWENT	OR	OFF	2006/03/14 18:56
S14 3	54	264/630,632.ccls.	US-PGPUB; DERWENT	OR	OFF	2006/03/13 13:47
S14 4	23	366/125,83,79.ccls.	US-PGPUB; DERWENT	OR	OFF	2006/03/13 13:46
S14 5	13266	"reduced diameter"	US-PGPUB; DERWENT	OR	OFF	2006/03/14 18:58
S14 6	171	425/208,209,380,202,376.1.ccls.	US-PGPUB; DERWENT	OR	OFF	2006/03/14 18:58
S14 7	4	S146 and S145	US-PGPUB; DERWENT	OR	OFF	2006/03/14 18:57
S14 8	23	366/125,83,79.ccls.	US-PGPUB; DERWENT	OR	OFF	2006/03/14 19:06
S14 9	2	S148 and S145	US-PGPUB; DERWENT	OR	OFF	2006/03/14 18:57
S15 0	54	264/630,632.ccls.	US-PGPUB; DERWENT	OR	OFF	2006/03/14 19:07
S15 1	1	S150 and S145	US-PGPUB; DERWENT	OR	OFF	2006/03/14 18:56
S15 2	3570	425/208,209,380,202,376.1.ccls.	USPAT; USOCR	OR	OFF	2006/03/14 18:58
S15 3	100840	"reduced diameter"	USPAT; USOCR	OR	OFF	2006/03/14 18:58
S15 4	15550	S152 an dl10	USPAT; USOCR	OR	OFF	2006/03/14 18:58
S15 5	101	S152 and S153	USPAT; USOCR	OR	OFF	2006/03/14 18:58
S15 6	0	366/125,83,79, 88-90.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/03/14 19:06
S15 7	1174	366/125,83,79,88-90.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/03/14 19:06
S15 8	263	264/630,632.ccls.	USPAT; USOCR	OR	OFF	2006/03/14 19:07
S15 9	51	S153 and S157	USPAT; USOCR	OR	OFF	2006/03/14 19:07
S16 0	2	S153 and S158	USPAT; USOCR	OR	OFF	2006/03/14 19:07

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"extrusion molding apparatus for ceramic materials"	USPAT	OR	OFF	2005/07/12 17:57
S2	106	"extrusion molding apparatus"	USPAT	OR	OFF	2004/09/16 09:56
S3	438	"extrusion molding apparatus"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/16 09:56
S4	332	"extrusion molding apparatus"	US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/16 10:15
S5	0	"extrusion molding apparatus for ceramic materials"	US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/16 10:15
S6	0	"extrusion molding apparatus for composite materials"	US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/16 10:16
S7	2	"extrusion molding apparatus" adj ceramic and materials	US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/16 10:16
S8	0	"extrusion molding apparatus" adj composite and materials	US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/16 10:16
S9	30	"extrusion" adj ceramic and materials	US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/16 10:17
S10	0	("0140210").PN.	JPO	OR	OFF	2004/09/30 15:58
S11	0	("2001-140210").PN.	JPO	OR	OFF	2004/09/30 15:58
S12	0	"yamaguchi" and "extrusion molding apparatus for ceramic molding product"	JPO	OR	OFF	2004/09/30 15:58
S13	67467	"yamaguchi"	JPO	OR	OFF	2004/09/30 15:58
S14	0	"satoru yamaguchi"	JPO	OR	OFF	2004/09/30 15:59

## EAST Search History

S15	0	"yasunao miura"	JPO	OR	OFF	2004/09/30 15:59
S16	0	"hiromi katou"	JPO	OR	OFF	2004/09/30 15:59
S17	34260	"denso"	JPO	OR	OFF	2004/09/30 15:59
S18	0	"satoru yamaguchi"	JPO	OR	OFF	2004/09/30 16:00
S19	0	("0000210").PN.	JPO	OR	OFF	2004/09/30 16:02
S20	0	("2000-0140210").PN.	JPO	OR	OFF	2004/09/30 16:02
S21	0	("0140210").PN.	JPO	OR	OFF	2004/09/30 16:03
S22	13	"140210"	USPAT	OR	OFF	2004/09/30 16:03
S23	1	"0140210"	USPAT	OR	OFF	2004/09/30 16:04
S24	0	"0140210"	JPO	OR	OFF	2004/09/30 16:03
S25	0	"0140210"	JPO	OR	OFF	2004/09/30 16:11
S26	0	"2000-0140210"	JPO	OR	OFF	2004/09/30 16:11
S27	0	"2000-0140210"	USPAT	OR	OFF	2004/09/30 16:11
S28	0	"2000-0140210"	JPO	OR	OFF	2004/09/30 16:12
S29	12	("2488129"   "2595210"   "2640033"   "3501807"   "5064586"   "5567463"   "5589203"   "5738884").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/01 12:20
S30	11	"extruding apparatuses"	USPAT	OR	OFF	2004/10/01 12:40
S31	310	"ceramic molding"	USPAT	OR	OFF	2004/10/01 12:41
S32	0	S31 and S30	USPAT	OR	OFF	2004/10/01 12:41
S33	0	"ceramic molding extrusion apparatuses"	USPAT	OR	OFF	2004/10/01 12:41
S34	0	"ceramic molding extrusion systems"	USPAT	OR	OFF	2004/10/01 12:41
S35	0	"ceramic molding extrusion"	USPAT	OR	OFF	2004/10/01 12:42
S36	395	"molding elements"	USPAT	OR	OFF	2004/10/01 12:42
S37	4	S36 and S31	USPAT	OR	OFF	2004/10/01 12:42
S38	0	S37 and S30	USPAT	OR	OFF	2004/10/01 12:42
S39	0	"extrusion molding apparatus for honeycomb structures"	USPAT	OR	OFF	2004/10/01 13:03
S40	0	"extrusion molding apparatus for honeycomb structures"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/01 13:03

## EAST Search History

S41	440	"extrusion molding apparatus"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/01 13:03
S42	2905	"honeycomb structures"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/01 13:03
S43	527849	"ceramic"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/01 13:04
S44	1274	S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/01 13:04
S45	3	S41 and S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/01 13:06
S46	3	S41 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/01 13:07
S47	38	S41 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/10/01 13:07
S48	0	"coaxial screw extrusion"	USPAT	OR	OFF	2004/10/13 18:00
S49	4	"coaxial screw extruder"	USPAT	OR	OFF	2004/10/13 18:02
S50	0	"double coaxial screw extruder"	USPAT	OR	OFF	2004/10/13 18:02
S51	0	"plurality of coaxial screw extruder"	USPAT	OR	OFF	2004/10/13 18:02
S52	0	"coaxial screw extrusion process"	USPAT	OR	OFF	2004/10/13 18:03
S53	0	"coaxial screw extruder apparatus"	USPAT	OR	OFF	2004/10/13 18:03

## EAST Search History

S54	1	("5607636").PN.	USPAT; USOCR	OR	OFF	2004/10/25 14:07
S55	0	("264.cls").PN.	USPAT; USOCR	OR	OFF	2004/10/25 14:07
S56	253716	"264"	USPAT	OR	OFF	2004/10/25 14:07
S57	401743	screw extruders	USPAT	OR	OFF	2004/10/25 14:08
S58	36588	S56 and S57	USPAT	OR	OFF	2004/10/25 14:10
S59	189	"double screw extruders"	USPAT	OR	OFF	2004/10/25 14:10
S60	2	("3746489"   "5925295").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/25 14:12
S61	1	("5607636").PN.	USPAT; USOCR	OR	OFF	2005/04/01 18:44
S62	700	(425/208).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/12 17:58
S63	112057	"extruder"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/12 17:58
S64	430	S62 and S63	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/12 17:59
S65	61	"double helical thread"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/12 17:59
S66	0	S64 and S65	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/12 17:59
S67	0	S65 and S62	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/12 17:59
S68	7	("3685804"   "4136969"   "4729666"   "4839120"   "5055027"   "5064586"   "5980227").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/12 18:26
S69	0	("6790025").URPN.	USPAT	OR	OFF	2005/07/12 18:29
S70	1	("5088914").PN.	USPAT; USOCR	OR	OFF	2005/07/12 18:29

## EAST Search History

S71	31	("2518124"   "2798444"   "2896253"   "3239883"   "3271819"   "3464539"   "3487503"   "3504400"   "3570654"   "3593843"   "3605995"   "3652064"   "3676034"   "4128341"   "4227870"   "4280802"   "4405239"   "4447156"   "4900494"   "4908169"   "4944906").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/12 18:29
S72	0	425/202,376.1	USPAT	OR	OFF	2005/07/13 21:21
S73	1598	(425/202,376.1).CCLS.	USPAT; USOCR	OR	OFF	2005/07/13 21:21
S74	58767	"extruder"	USPAT	OR	OFF	2005/07/13 21:21
S75	329	S73 and S74	USPAT	OR	OFF	2005/07/13 21:22
S76	111	"double flight"	USPAT	OR	OFF	2005/07/13 21:22
S77	3	S75 and S76	USPAT	OR	OFF	2005/07/13 21:23
S78	295	(366/79).CCLS.	USPAT; USOCR	OR	OFF	2005/07/13 21:23
S79	455049	"dispersion"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/14 15:41
S80	700	(425/208).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/14 19:45
S81	76	S79 and S80	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/14 15:50
S82	638565	"pressing"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/14 15:50
S83	6	S81 and S82	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/14 15:50
S84	5129	"holes" with "thread"	USPAT	OR	OFF	2005/07/14 19:46
S85	700	(425/208).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/14 19:59
S86	3	S85 and S84	USPAT	OR	OFF	2005/07/14 19:54
S87	4	"312797"	DERWENT	OR	OFF	2005/07/14 19:55
S88	1	"2001312797"	DERWENT	OR	OFF	2005/07/14 19:55

## EAST Search History

S89	1	"2002264263"	DERWENT	OR	OFF	2005/07/14 19:55
S90	1	"2001312797"	DERWENT	OR	OFF	2005/07/14 19:56
S91	184	"ceramic honeycombs"	USPAT	OR	OFF	2005/07/14 19:59
S92	0	S85 and S91	USPAT	OR	OFF	2005/07/14 19:59
S93	0	S85 and S91	USPAT	OR	OFF	2005/07/14 19:59
S94	187151	"ceramic"	USPAT	OR	OFF	2005/07/14 19:59
S95	18	S85 and S94	USPAT	OR	OFF	2005/07/14 20:00
S96	1	("20030098530").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/14 20:00
S97	0	("2003/0098530").URPN.	USPAT	OR	OFF	2005/07/14 20:01
S98	252	(264/630,632).CCLS.	USPAT; USOCR	OR	OFF	2005/07/14 20:03
S99	187151	"ceramic"	USPAT	OR	OFF	2005/07/14 20:03
S10 0	175	S98 and S99	USPAT	OR	OFF	2005/07/14 20:03
S10 1	178524	"microns"	USPAT	OR	OFF	2005/07/14 20:03
S10 2	26	S100 and S101	USPAT	OR	OFF	2005/07/14 20:03
S10 3	131741	"micron"	USPAT	OR	OFF	2005/07/14 20:03
S10 4	22	S100 and S103	USPAT	OR	OFF	2005/07/14 20:04
S10 5	52	"honeycomb extrusion die"	USPAT	OR	OFF	2005/07/14 20:04
S10 6	7	("3685804"   "4136969"   "4729666"   "4839120"   "5055027"   "5064586"   "5980227").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:08
S10 7	4	("5980227").URPN.	USPAT	OR	OFF	2005/07/14 20:40
S10 8	5	"honeycomb dies"	USPAT	OR	OFF	2005/07/14 20:41
S10 9	131741	"micron"	USPAT	OR	OFF	2005/07/14 20:41
S11 0	20141	"honeycomb"	USPAT	OR	OFF	2005/07/14 20:42
S11 1	193819	"die"	USPAT	OR	OFF	2005/07/14 20:42
S11 2	53	S109 with S110	USPAT	OR	OFF	2005/07/14 20:42

## EAST Search History

S11 3	1	S111 with S112	USPAT	OR	OFF	2005/07/14 20:42
S11 4	4	("4235583"   "4290743"   "4373895"   "4486934").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:43
S11 5	2483	"honeycomb structures"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:44
S11 6	4	S109 with S115	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:45
S11 7	0	S109 near S110	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:45
S11 8	125	S109 same S110	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:45
S11 9	13511	"extrusion die"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:45
S12 0	30212	"honeycomb"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:45
S12 1	85	S119 near S120	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:45
S12 2	191637	"micron"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:46
S12 3	0	S121 same S122	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:46
S12 4	0	S121 near S122	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:46
S12 5	10	S121 and S122	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/14 20:46
S12 6	2120	(425/208,209,380).CCLS.	USPAT; USOCR	OR	OFF	2006/03/13 13:46
S12 7	1707	"shaft" with head with (larger)	USPAT	OR	OFF	2005/07/20 21:06
S12 8	1	S126 and S127	USPAT	OR	OFF	2005/07/20 21:06
S12 9	7	("4839120").URPN.	USPAT	OR	OFF	2005/07/20 21:08



## EAST Search History

S13 0	44	366/125	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/22 10:19
S13 1	420	366/83	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/07/22 20:28
S13 2	7	("3929322"   "4192617"   "4686088"   "4889430"   "5265955"   "5476319"   "5510073").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/22 19:33
S13 3	2	("6074084").URPN.	USPAT	OR	OFF	2005/07/22 19:34
S13 4	18	((("5393213") or ("5415473") or ("5417155") or ("5438097") or ("5456923") or ("5391594") or ("5393216") or ("5470513") or ("5393217") or ("5404967") or ("5407338") or ("4843734") or ("4836271") or ("4884624") or ("5110283") or ("5038848") or ("5125251") or ("5242485"))).PN.	USPAT; USOCR	OR	OFF	2005/07/22 20:31
S13 5	482	366/89-90.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/29 14:13
S13 6	294	366/89.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/29 15:40
S13 7	241	366/90.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/29 15:40
S13 8	52655	"screw thread"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/30 14:53
S13 9	1338704	"holes"	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/30 14:53
S14 0	116	S138 near S139	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/11/30 14:53
S14 1	0	42/208,209,380,202,376.1.ccls.	US-PGPUB; DERWENT	OR	OFF	2006/03/13 13:46